Kem1_raw


```
^^^ ^^^^^^^^^^ ^^^^^ ^^^\__/
|         |       |    |  ^^
|         |       |    |   |
|         |       |    |   +--File type (includes dot)
|         |       |    |      - .FIT for FITS file
|         |       |    |      - .LBL for PDS label
|         |       |    |      - not part of product ID
|         |       |    |
|         |       |    +--ENG for CODMAC Level 2 data
|         |       |       SCI for CODMAC Level 3 data
|         |       |
|         |       +--Application ID (ApID) of the telemetry data
|         |          packet from which the data come
|         |          N.B. ApIDs are case-insensitive
|         |
|         +--MET (Mission Event Time) i.e. Spacecraft Clock
|
+--Instrument designator
```

LBLX

Note that, depending on the observation, the MET in the data filename and in the Product ID may be similar to the Mission Event Time (MET) of the actual observation acquisition, but should not be used as an analog for the acquisition time. The MET is the time that the data are transferred from the instrument to spacecraft memory and is therefore not a reliable indicator of the actual observation time. The PDS label and the index tables are better sources to use for the actual timing of any observation. The specific keywords and index table column names for which to look are

* START_TIME
* STOP_TIME
* SPACECRAFT_CLOCK_START_COUNT
* SPACECRAFT_CLOCK_STOP_COUNT

Instrument	Instrument designators	ApIDs **
SWAP	SWA	0X584 - 0X587 *

* Not all values in this range are in this data set
** ApIDs are case insensitive

There are other ApIDs that contain housekeeping values and other values. See SOC Instrument ICD (/DOCUMENT/SOC_INST_ICD.*) for more details.

Here is a summary of the types of files generated by each ApID (N.B. ApIDs are case-insensitive) along with the instrument designator that go with each ApID:

ApIDs	Data product description/Prefix(es)
0x584 -	SWAP Science Real-Time/SWA
0x585 -	SWAP Science Summary/SWA *
0x586 -	SWAP Science Histogram Header/SWA